

WHERE **IRON AGE** ARE MADE

FARM, GARDEN and ORCHARD TOOLS

American Factory
Established 1824

BATEMAN M'F'G CO.,

GREENLOCH, New Jersey, U. S. A.

Canadian Factory

THE BATEMAN-WILKINSON CO., Limited
TORONTO, ONTARIO

Tools are carried in stock at centers of distribution.
Liberal stocks of suitable tools for each vicinity are
carried by the best class of implement and hardware
dealers in the country.

If not handled by your local dealer, write us for
nearest address where tools can be seen and explained.



This combination for the Orchard Cultivator is useful for
irrigating purposes—also for opening furrows for any row crops,
such as peas, beans, etc. If interested, ask for price.

THAT ORCHARD CULTIVATION IS NECESSARY

is not a theory but a fact es-
tablished by practical orchard-
ists in all parts of the country.

TO DO THIS WORK RIGHT REQUIRES AN EXTENSION CULTIVATOR

The one shown in this folder can be used
**FOR ORCHARD WORK
FOR FALLOW WORK
FOR HILLING
AS A FURROWER, ETC.**



Property of J. S. Klein

Orchard and Variety Cultivator

No. 112

For a dust mulch in orchards. The teeth are arranged and adjusted for shallow cultivation so that the roots will not be injured, and yet all of the ground is cultivated and a fine dust mulch formed. Here is the machine to do it quickly and every time counts.

This helps to keep the moisture around the roots in dry season, and to give the right kind of root food. Thorough and frequent cultivation are quite as necessary, in the opinion of orchard men, as any other part of the work, or for any other crop.

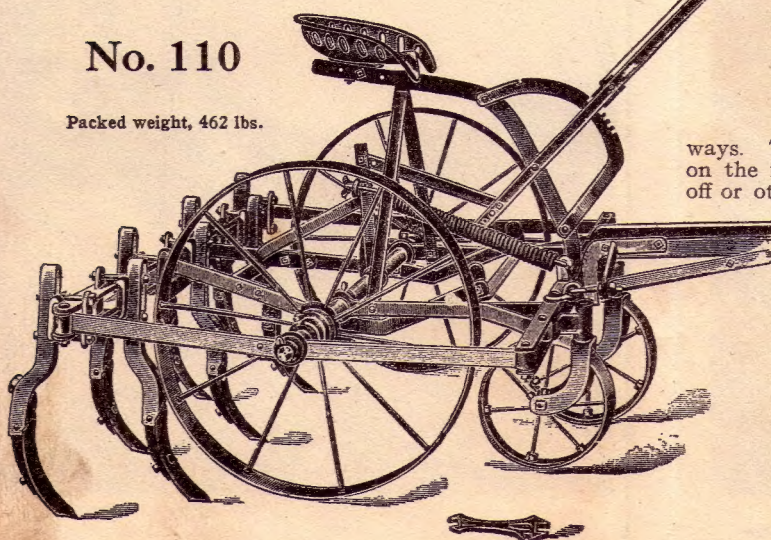
Cultivates 6 feet 9 inches and when rigged as in Fig. 198, with seat set over and shield for tree trunks in position, can cultivate close to the trunks, under low branches, without injury to the trees in any way, from horses or machine. Very little side draft results from setting the pole over, and this slight disadvantage is not worth thinking about when the orchard man sees the good work, done quickly.

A fore truck is furnished, although it does not show, in No. 112. The wheels are castor style, making it easy to turn short. The truck lightens the draft, takes off the neck weight and helps the operator to control working depth.

The orchard extension includes four extra teeth and frame extensions to support them, parts for setting over pole and seat, and a steel fender. Will be furnished as an attachment for No. 110.

No. 110

Packed weight, 462 lbs.

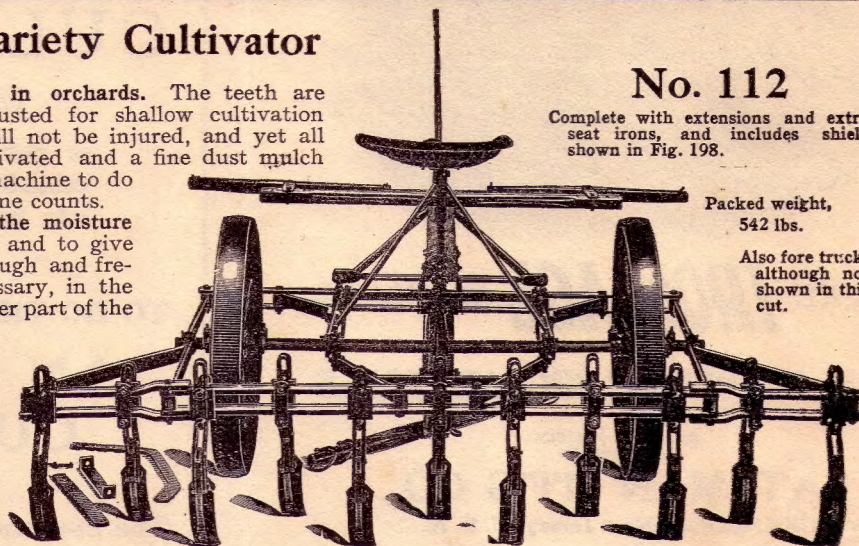


No. 112

Complete with extensions and extra seat irons, and includes shield shown in Fig. 198.

Packed weight,
542 lbs.

Also fore truck,
although not
shown in this
cut.



No. 110

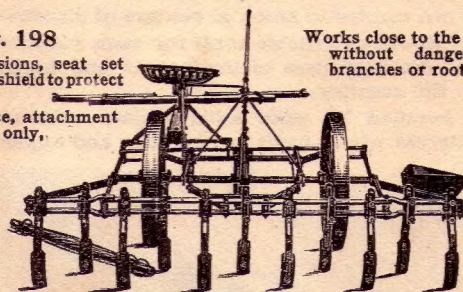
A variety cultivator, also. While this machine is primarily for orchard cultivation, with the extensions as in No. 112, it can be used for hilling, fallow work in the open field, as a furrower, and in many other special

Fig. 198

With extensions, seat set over, and shield to protect trees

Price, attachment only,

Works close to the trees without danger to branches or roots.



ways. The standards are adjustable in their positions on the frame, also for depth—any of them can be taken off or others added—they take several different styles of teeth (2½ inch is furnished regularly).

No. 110 cultivates 4 feet 2 inches wide and this may be narrowed to 3 feet, if necessary. Each wheel has an adjustment of 7 inches on the axle. Wheels are steel, 28 inches, with 3 inch tires. A 1½ inch axle is used. Can adjust for furrows already made.

When extensions are used the wheels can be set out to steady the machine, or set in to further protect low branches.

The frame is steel and will stand severe work. The top part of the standard is one piece of steel, which makes them stronger.

Gang is easily raised, even when extensions are used—a pull on the lever and push with the feet at the same time does it. A heavy coil spring carries the weight in tilting.